

What is claimed is:

1. A tire/wheel assembly, in which a pneumatic tire is fitted to a wheel rim, including:

a run-flat support member constituted of a circular shell and elastic rings and inserted into a cavity of the pneumatic tire, the circular shell having a support surface thereof extended toward a periphery of the pneumatic tire and leg portions along each side of the support surface, and the elastic rings supporting the leg portions of the circular shell on the rim,

wherein a plurality of through-holes are made in an inner rim of each of the leg portions of the circular shell along a shell circumferential direction, and the inner rims in which the through-holes are formed are embedded in the elastic rings.

2. The tire/wheel assembly according to claim 1, wherein a number of the through-holes formed in the inner rim of each of the leg portions of the circular shell is 16 to 360, and an area of each through-hole is 0.75 to 20 mm².

3. A tire/wheel assembly, in which a pneumatic tire is fitted to a wheel rim, including:

a run-flat support member constituted of a circular shell and elastic rings and inserted into a cavity of the pneumatic tire, the circular shell having a support surface thereof extended toward a periphery of the pneumatic tire and leg portions along each side of the support surface, and the elastic rings supporting the leg portions of the circular shell on the rim,

wherein wavy asperities are made in an inner rim of each of the leg portions of the circular shell along a shell circumferential direction, and the inner rims in which the asperities are formed are embedded in the elastic rings.

4. The tire/wheel assembly according to claim 3, wherein amplitudes of the asperities are 0.5 to 2.0 mm, and pitches of the asperities are 1 to 20 mm.

5. A tire/wheel assembly, in which a pneumatic tire is fitted to a wheel rim, including:

a run-flat support member constituted of a circular shell and elastic rings and inserted into a cavity of the pneumatic tire, the circular shell having a support surface thereof extended toward a periphery of the pneumatic tire and leg portions along each side of the support surface, and the elastic rings supporting the leg portions of the circular shell on the rim,

wherein a plurality of through-holes and wavy asperities are made in an inner rim of each of the leg portions of the circular shell along a shell circumferential direction, and the inner rims in which the through-holes and the asperities are formed are embedded in the elastic rings.

6. The tire/wheel assembly according to claim 5,

wherein a number of the through-holes formed in the inner rim of each of the leg portions of the circular shell is 16 to 360, and an area of each of the through-holes is 0.75 to 20 mm², and

wherein amplitudes of the asperities are 0.5 to 2.0 mm, and pitches of the asperities are 1 to 20 mm.

7. A run-flat support member, comprising:

a circular shell which has a support surface thereof extended toward a periphery of a pneumatic tire and leg portions along each side of the support surface; and

elastic rings which support the leg portions of the circular shell on a wheel rim,

wherein a plurality of through-holes are made in an inner rim of each of the leg portions of the circular shell along a shell circumferential direction, and the inner rims in which the through-holes are formed are embedded in the elastic rings.

8. The run-flat support member according to claim 7, wherein a number of the through-holes formed in the inner rim of each of the leg portions of the circular shell is 16 to 360, and an area of each of the through-holes is 0.75 to 20 mm².

9. A run-flat support member, comprising:

a circular shell which has a support surface thereof extended toward a periphery of a pneumatic tire and leg portions along each side of the support surface; and

elastic rings which support the leg portions of the circular shell on a wheel rim,

wherein wavy asperities are made in an inner rim of each of the leg portions of the circular shell along a shell circumferential direction, and the inner rims in which the

asperities are formed are embedded in the elastic rings.

10. The run-flat support member according to claim 9, wherein amplitudes of the asperities are 0.5 to 2.0 mm, and pitches of the asperities are 1 to 20 mm.

11. A run-flat support member, comprising:

a circular shell which has a support surface thereof extended toward a periphery of a pneumatic tire and leg portions along each side of the support surface; and

elastic rings which support the leg portions of the circular shell on a wheel rim,

wherein a plurality of through-holes and wavy asperities are made in an inner rim of each of the leg portions of the circular shell along a shell circumferential direction, and the inner rims in which the through-holes and the asperities are formed are embedded in the elastic rings.

12. The run-flat support member according to claim 11,

wherein a number of the through-holes formed in the inner rim of each of the leg portions of the circular shell is 16 to 360, and an area of each of the through-holes is 0.75 to 20 mm², and

wherein amplitudes of the asperities are 0.5 to 2.0 mm, and pitches of the asperities are 1 to 20 mm.